


11 July 1961

SUBJECT: Proposed Grid Change

In future systems there is likely to be a need to locate points more precisely than 1 cm. The grid number can represent a space rather than a line if decimal parts of a cm. can be designated without confusion.

The use of letters for Y position is objectionable. When the format is larger than 26 cm. (10 in.) a double letter will be required. Such a format is likely to occur in the future. It is most desirable to use a universal grid, adaptable to all formats, not just the current format. STATOTHR



Declass Review by NIMA/DOD

#### SCANNING OPERATIONS

1. During past scanning operations it was noticed that some confusion existed in the use of the frame point grid overlay. It is suggested that an investigation be made to determine the practicality of making a slight modification to the grid. It is believed that less confusion would be inherent in using the grid if the grid spaces were numbered instead of the grid lines as at present. There seems to be no need for a more precise coordinate than the entire centimeter space. It is suggested that the ordinate spaces be lettered A, B, C, D, E, instead of Y-0, 1, 2, 3, 4, 5. Thus, a point would be designated as B-6, or D-42 instead of X-6, Y-1 or X-42 Y-3 which causes confusion especially when calling off the numbers to the recorder on the scanning team. It is also suggested that the first row of spaces on both the ordinate and abscissa be designated A and 1 instead of "0" as at present. It is believed these few modifications would simplify the use of the grid, eliminate errors in its use and reduce the time needed to determine the location of specific points. It is believed this would also aid the laboratory in locating specific squares for reproduction.